

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Chang

Serial No.: 09/701,536

Filed: November 29, 2000

For: "NUCLEIC ACID VACCINES FOR
PREVENTION OF FLAVIVIRUS INFECTION"



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)
) Art Unit: Unassigned

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)
) Examiner: Unassigned

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POWER OF ATTORNEY

Assistant Commissioner of
Patents and Trademarks
Washington, D.C. 20231

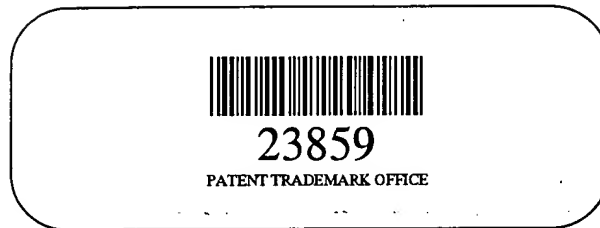
Centers for Disease Control and Prevention
Technology Transfer Office
MS-E67
1600 Clifton Road
Atlanta, GA 30333

February 2, 2001

Sir:

The Government of the United States of America, represented by the Secretary, Department of Health and Human Services, Centers for Disease Control and Prevention is owner of the above-identified patent application, as evidenced by the attached Assignment from Gwong-Jen J. Chang, Ph.D. to the Government of the United States of America, represented by the Secretary, Department of Health and Human Services, Centers for Disease Control and Prevention, which Assignment is being submitted for recordation concurrent with the submission of the Power of Attorney.

As a representative authorized to act on behalf of the Centers for Disease Control and Prevention, I hereby grant a primary Power of Attorney to



NEEDLE & ROSENBERG, P.C.
Suite 1200, The Candler Building
127 Peachtree Street, N.E.
Atlanta, Georgia 30303-1811
(404) 688-0770

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to represent the Centers for Disease Control and Prevention in connection with all matters pertaining to the above-referenced application, with full power of substitution, association and revocation, to prosecute said application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

I further grant an Associate Power of Attorney to:

Russ P. Metler	Reg. No. 45,365
Marc Filigenzi	Reg. No. 46,700
Jacqueline A. Quay	Reg. No. 47,011
Andrew Watkins	Reg. No. 38,653

to represent the Centers for Disease Control and Prevention in connection with all matters pertaining to the above-referenced application, to prosecute said application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Address all telephone calls to Mary L. Miller at telephone number (404) 688-0770.

Address all correspondence to:

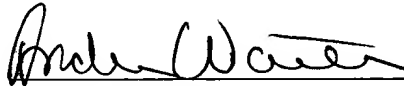
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ATTORNEY DOCKET NO. 14114.0332U2
SERIAL NO. 09/701,536

The Centers for Disease Control and Prevention, Technology Transfer Office has been duly delegated responsibility for such patent matters under the authority of the memorandum dated January 31, 1997, from Donna E. Shalala, the Secretary of the Department of Health and Human Services, delegating the authority to the Heads of the Public Health Service Operating Divisions, as well as a memorandum dated October 12, 2000, from Jeffrey P. Koplan, M.D., M.P.H., the Director of the Centers for Disease Control and Prevention (who is a Head of a Public Health Service Operation Division), delegating authority to sign this Power of Attorney to the Associate Director for Science and the Director of the Technology Transfer Office of the Centers for Disease Control and Prevention. The undersigned is authorized to exercise such authority in this manner.

Executed on FEBRUARY 12, 2001, at Atlanta, Georgia.

UNITED STATES DEPARTMENT OF
HEALTH AND HUMAN SERVICES



Andrew Watkins
Director, Technology Transfer Office
Centers for Disease Control and Prevention (CDC)
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